

SEQUENCE LISTING

<110> Tong, et al.

<120> METHODS AND COMPOSITIONS FOR DIAGNOSING AND TREATING
DISORDERS INVOLVING ANGIOGENESIS

<130> PC10790A

<140>

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<160> 4

<170> PatentIn Ver. 2.1

<210> 1

<211> 829

<212> DNA

<213> CANINE PRO ENDOSTATIN NUCLEOTIDE SEQUENCE

<400> 1

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<212> PRT

<213> CANINE PRO ENDOSTATIN AMINO ACID SEQUENCE

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Pro Gln Pro Tyr Pro Gly Ala Pro His His Gly Ser Tyr Val His Phe
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09900294.002401

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His Gln Asp Phe Gln Leu Val Leu His Leu Val Ala Leu Asn Ser Pro		
50	55	60
Gln Pro Gly Gly Met Arg Gly Ile Arg Gly Ala Asp Phe Gln Cys Phe		
65	70	75
		80
Gln Gln Ala Arg Ala Ala Gly Leu Ala Gly Thr Phe Arg Ala Phe Leu		
	85	90
		95
Ser Ser Arg Leu Gln Asp Leu Tyr Ser Ile Val Arg Arg Ala Asp Arg		
100	105	110
Thr Gly Val Pro Val Val Asn Leu Arg Asp Glu Val Leu Phe Pro Ser		
115	120	125
Trp Glu Ala Leu Phe Ser Gly Ser Glu Gly Gln Leu Lys Pro Gly Ala		
130	135	140
Arg Ile Phe Ser Phe Asp Gly Arg Asp Val Leu Gln His Pro Ala Trp		
145	150	155
		160
Pro Arg Lys Ser Val Trp His Gly Ser Asp Pro Ser Gly Arg Arg Leu		
	165	170
		175
Thr Asp Ser Tyr Cys Glu Thr Trp Arg Thr Glu Ala Pro Ala Ala Thr		
180	185	190
Gly Gln Ala Ser Ser Leu Leu Ala Gly Arg Leu Leu Glu Gln Glu Ala		
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Met Thr Ser Phe Ser Lys		
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<212> DNA

<213> CANINE ENDOSTATIN NUCLEOTIDE SEQUENCE

<400> 3

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<212> PRT

<213> CANINE ENDOSTATIN AMINO ACID SEQUENCE

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Cys Phe Gln Gln Ala Arg Ala Ala Gly Leu Ala Gly Thr Phe Arg Ala
 35              40              45

Phe Leu Ser Ser Arg Leu Gln Asp Leu Tyr Ser Ile Val Arg Arg Ala
 50              55              60

Asp Arg Thr Gly Val Pro Val Val Asn Leu Arg Asp Glu Val Leu Phe
 65              70              75              80

Pro Ser Trp Glu Ala Leu Phe Ser Gly Ser Glu Gly Gln Leu Lys Pro
      85              90              95

Gly Ala Arg Ile Phe Ser Phe Asp Gly Arg Asp Val Leu Gln His Pro
 100              105              110

Ala Trp Pro Arg Lys Ser Val Trp His Gly Ser Asp Pro Ser Gly Arg
 115              120              125

Arg Leu Thr Asp Ser Tyr Cys Glu Thr Trp Arg Thr Glu Ala Pro Ala
 130              135              140

Ala Thr Gly Gln Ala Ser Ser Leu Leu Ala Gly Arg Leu Leu Glu Gln
 145              150              155              160

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Glu Ala Ala Ser Cys Arg His Ala Phe Val Val Leu Cys Ile Glu Asn
165 170 175

Ser Val Met Thr Ser Phe Ser Lys
180